

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	372169	particle same (nm or nanometer or micron or micrometer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/13 23:25
S2	43764	S1 same (composite or primary)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/13 23:28
S3	9390	S2 and agglomerat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/13 23:29
S4	6263	S3 and (@ad<"20020320" or @pd<"20020320" or @rlad<"20020320" or @prad<"20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/13 23:30
S5	1413	deagglomeration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/13 23:34
S6	1016	S5 and (@ad<"20020320" or @pd<"20020320" or @rlad<"20020320" or @prad<"20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/13 23:34
S7	4	"508337".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/13 23:43
S8	1	S7 and reversibly	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/13 23:43

## EAST Search History (Prior Art)

S9	3148	(carrier particle) same (nm or nanometer or micron or micrometer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 09:47
S10	332	S9 same (drug or medicament or pharmaceutical\$5 or therapeutic\$4 or biologically or bioactive or active agent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 09:48
S11	208	S10 and (@ad< "20020320" or @pd< "20020320" or @riad< "20020320" or @prad< "20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 09:48
S12	46803	(inspir\$4 or inhal\$5) same (powder or \$6particle or \$6sphere)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 11:30
S13	14710	S12 same carrier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 11:30
S14	1004	S12 and (carrier same (dissociat\$4 or break\$4 or reversibl\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 11:31
S15	489	S14 and (@ad< "20020320" or @pd< "20020320" or @riad< "20020320" or @prad< "20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 11:31
S16	1	("6645466").PN.	USPAT; USOCR	OR	OFF	2008/11/14 11:45
S17	1	S15 and S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 11:45

## EAST Search History (Prior Art)

S18	43	S15 and (nanoparticle or nanometer or nanosphere)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 11:48
S19	0	US-2002010229-\$,did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 11:53
S20	2	US-2002010229-\$,did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 11:53
S21	0	US-20020102294-\$,did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 11:54
S22	2	US-20020102294-\$,did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 11:54
S23	0	S15 and S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 11:55
S24	1	S22 and carrier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 11:57
S25	0	S22 and agglomerat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 11:58

## EAST Search History (Prior Art)

S26	2	S22 and aggregat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2008/11/14 11:58
S27	4	"508337".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 12:00
S28	1	S27 and nano	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 12:00
S29	1	S22 and (diluent same embed\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 13:36
S30	1	("5336271").PN.	USPAT; USOCR	OR	OFF	2008/11/14 14:23
S31	2	S27 and modify	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 14:34
S32	2	lactose same lubricant same magnesium searate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 14:59
S33	9300162	t	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 14:59
S34	43663	lactose same lubricant same magnesium stearate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 14:59

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S35	32186	lactose with lubricant with magnesium stearate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 15:00
S36	2251	S35 and (drug same particle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 15:00
S37	240	S36 and @pd< "20020320"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 15:01
S38	0	lubricant same anti-agglomerative	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 15:03
S39	0	lubricant same anti-agglomerative	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 15:03
S40	18889	lubricant same antistatic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 15:03
S41	16673	lubricant with antistatic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 15:03
S42	97	S41 and (drug same particle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 15:03

## EAST Search History (Prior Art)

S43	58	S42 and (@ad<"20020320" or @pd<"20020320" or @rlad<"20020320" or @prad<"20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 15:03
S44	15	trehalose adj5 lubricant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 15:10
S45	4	"508337".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 15:17
S46	1	S45 and press head	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 15:17
S47	0	powder treatmetn device	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 16:05
S48	30	powder treatment device	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 16:05
S49	105	casing with press head	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 16:28
S50	6	S49 and (particulate or partilce or powder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/14 16:28

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S51	30	powder treatment device	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/22 21:10
S52	2	S51 and press head	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/22 21:10
S53	3	S51 and head	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/22 21:11
S54	891	powder with composite with device	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/22 21:18
S55	181	(powder adj3 composite) with device	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/22 21:18
S56	128	S55 and (@ad< "20020320" or @pd< "20020320" or @rlad< "20020320" or @prad< "20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/22 21:18
S57	9	((YOSHI AKI) near2 (KAWASHIMA)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/22 21:20
S58	23	((MASUO) near2 (HOSOKAWA)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/22 21:21
S59	12	S58 and powder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/22 21:22

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S60	2	S59 and 9a	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/22 21:40
S61	44	("4789105").URPN.	USPAT	ADJ	ON	2008/11/22 21:52
S62	4	S61 and (micrometer or micron or nanometer)	USPAT	ADJ	ON	2008/11/22 21:53
S63	4	"508337".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 20:02
S64	1	S63 and surface modification	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 20:02
S65	10	nanoparticle with coat with microparticle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 20:20
S66	471	nanoparticle with coat\$5 with microparticle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 20:20
S67	184	S66 and (@ad< "20020320" or @pd< "20020320" or @rlad< "20020320" or @prad< "20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 20:20
S68	5338	\$6particle (agglomerates or aggregates)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:09
S69	119	S68 and nanoparticle and microparticle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:09



## EAST Search History (Prior Art)

S70	65	S69 and (@ad<"20020320" or @pd<"20020320" or @rlad<"20020320" or @prad<"20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:10
S71	3597	(dry granulation or combin\$5) same drug same lubricant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:17
S72	0	(dry granulation or combin\$5) with drug same lubricant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:17
S73	2582	(dry granulation or combin\$5) with drug same lubricant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:18
S74	206	(dry granulation or combin\$5) with drug with lubricant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:18
S75	0	12and (@ad<"20020320" or @pd<"20020320" or @rlad<"20020320" or @prad<"20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:18
S76	102	S74 and (@ad<"20020320" or @pd<"20020320" or @rlad<"20020320" or @prad<"20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:18
S77	116	dry (granulation or combin\$5) same drug same lubricant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:19

## EAST Search History (Prior Art)

S78	51	S77 and (@ad< "20020320" or @pd< "20020320" or @riad< "20020320" or @prad< "20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:19
S79	89	lubricant with (plga or lactic acid or glycolic acid or glycolide or lactide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:42
S80	64	S79 and (@ad< "20020320" or @pd< "20020320" or @riad< "20020320" or @prad< "20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:42
S81	17	S80 and (tablet or granulate or particle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:43
S82	0	lubricant with hydroxymethyl cellulose phthalate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:45
S83	0	microcrystalline cellulose with hydroxymethyl cellulose phthalate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:47
S84	1	microcrystalline cellulose with hydroxymethyl cellulose phthalate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:47
S85	5	microcrystalline cellulose with (hydroxymethyl cellulose phthalate or hydroxymethylcellulose phthalate or hydroxymethylcellulosephthalate or hydroxy methyl cellulose phthalate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:48

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S86	1	disintegrant with (hydroxymethyl cellulose phthalate or hydroxymethylcellulose phthalate or hydroxymethylcellulosephthalate or hydroxy methyl cellulose phthalate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:49
S87	0	lubricant with (hydroxymethyl cellulose phthalate or hydroxymethylcellulose phthalate or hydroxymethylcellulosephthalate or hydroxy methyl cellulose phthalate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:49
S88	5	lubricant same (hydroxymethyl cellulose phthalate or hydroxymethylcellulose phthalate or hydroxymethylcellulosephthalate or hydroxy methyl cellulose phthalate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/25 21:50
S89	4	"508337".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/26 09:33
S90	1	S89 and nano particle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/26 09:33
S91	1	S89 and binder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/11/26 09:41
S92	4	"508337".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 17:50
S93	804	nanoparticle same inhal\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 18:10

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S94	183	S93 and (@ad<"20020320" or @pd<"20020320" or @rlad<"20020320" or @prad<"20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 18:10
S95	0	reversibly collect\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:02
S96	16	reversibly collect\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:02
S97	4	"508337".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:03
S98	1	S97 and revers\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:03
S99	658	carrier particle and reversibl\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:05
S10 0	266	S99 and (reversibl\$3 and (agglomerat\$5 or aggregat\$5 or clump\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:06
S10 1	156	S100 and (@ad<"20020320" or @pd<"20020320" or @rlad<"20020320" or @prad<"20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:06

## EAST Search History (Prior Art)

S10 2	112	S101 and (drug or medicament or pharmaceutical\$5 or therapeutic\$4 or biologically or bioactive or active agent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:06
S10 3	44	S101 not S102	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:06
S10 4	112	S101 not S103	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:07
S10 5	40	S99 and (reversibl\$3 same (agglomert\$5 or aggregat\$5 or clump\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:07
S10 6	156	S101 and (@ad< "20020320" or @pd< "20020320" or @rlad< "20020320" or @prad< "20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:07
S10 7	20	S105 and (@ad< "20020320" or @pd< "20020320" or @rlad< "20020320" or @prad< "20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:07
S10 8	6602	carrier particle and (adher\$4 or attach\$4 or fix\$4) with (surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:10
S10 9	2098	carrier particle same (adher\$4 or attach\$4 or fix\$4) with (surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:10

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S110	1436	carrier particle with (adher\$4 or attach\$4 or fix\$4) with (surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:10
S111	371	S110 and (drug or medicament or pharmaceutical\$5 or therapeutic\$4 or biologically or bioactive or active agent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:10
S112	250	S110 and (surface with (drug or medicament or pharmaceutical\$5 or therapeutic\$4 or biologically or bioactive or active agent))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:11
S113	162	S112 and (@ad<"20020320" or @pd<"20020320" or @rlad<"20020320" or @prad<"20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:11
S114	24	S113 and fluid\$6 with bed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:11
S115	1	S97 and dry mechanical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 19:12
S116	1	("5145684").PN.	USPAT; USOCR	OR	OFF	2009/07/24 19:38
S117	2442	fluid\$5 bed with granulation and (nm or ". mu.m")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 20:08
S118	1862	S117 and (drug or medicament or pharmaceutical\$5 or therapeutic\$4 or biologically or bioactive or active agent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 20:08

## EAST Search History (Prior Art)

S11 9	944	S118 and nm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 20:08
S12 0	432	S119 and (@ad<"20020320" or @pd<"20020320" or @rlad<"20020320" or @prad<"20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 20:08
S12 1	1177	(fluid\$5 bed with granulation) same (drug or medicament or pharmaceutical\$5 or therapeutic\$4 or biologically or bioactive or active agent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 20:10
S12 2	102	S121 and (nm same (drug or medicament or pharmaceutical\$5 or therapeutic\$4 or biologically or bioactive or active agent))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 20:11
S12 3	48	S122 and (@ad<"20020320" or @pd<"20020320" or @rlad<"20020320" or @prad<"20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 20:11
S12 4	1235	(agglomerate or aggregate or clump) with break\$4 with (powder or \$6particle of \$6sphere or \$6bead)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 20:29
S12 5	266	reversible (agglomeration or aggregation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 20:32
S12 6	220	S125 and (@ad<"20020320" or @pd<"20020320" or @rlad<"20020320" or @prad<"20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 20:33

## EAST Search History (Prior Art)

S12 7	9	"190138".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 20:35
S12 8	15	((("4807814") or ("4826821") or ("5118528") or ("5145684") or ("5202110") or ("5225183") or ("5260478") or ("5260478") or ("5264610") or ("5300739") or ("5322679") or ("5518738") or ("5747001") or ("5785049") or ("5985309") or ("6001336"))).PN.	USPAT; USOCR	OR	OFF	2009/07/24 20:38
S12 9	104	reversible (agglomeration or aggregation) same (powder or \$6partide or \$6particulate or \$6granule or \$6sphere)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 20:41
S13 0	87	S129 and (@ad<"20020320" or @pd<"20020320" or @rlad<"20020320" or @prad<"20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 20:41
S13 1	622	telmisartan same diuretic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 20:57
S13 2	87	S129 and (@ad<"20020924" or @pd<"20020924" or @rlad<"20020924" or @prad<"20020924")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 20:58
S13 3	132	S131 and (@ad<"20020924" or @pd<"20020924" or @rlad<"20020924" or @prad<"20020924")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 20:58
S13 4	10	S133 and (bilayer or bi-layer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 20:58



## EAST Search History (Prior Art)

S13 5	145	telmisartan and (bilayer or bi-layer or (layer with tablet)) and diuretic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 21:02
S13 6	41	S135 and (@ad<"20020924" or @pd<"20020924" or @rlad<"20020924" or @prad<"20020924")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 21:02
S13 7	167	telmisartan and (bilayer or bi-layer or (layer same tablet)) and diuretic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 21:02
S13 8	244	telmisartan and (bilayer or bi-layer or (layer same tablet))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 21:03
S13 9	62	S138 and (@ad<"20020924" or @pd<"20020924" or @rlad<"20020924" or @prad<"20020924")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 21:03
S14 0	0	diuretic adn extended release	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 21:16
S14 1	1199	diuretic and extended release	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/24 21:17
S14 2	22896	binder same polymer and (drug or medicament or pharmaceutical\$5 or therapeutic\$4 or biologically or bioactive or active agent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/26 20:45

## EAST Search History (Prior Art)

S14 3	16141	binder with polymer and (drug or medicament or pharmaceutical\$5 or therapeutic\$4 or biologically or bioactive or active agent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/26 20:46
S14 4	1944	binder with polymer and ((drug or medicament or pharmaceutical\$5 or therapeutic\$4 or biologically or bioactive or active agent) with (\$6particle or \$6bead or powder and \$6sphere and granule))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/26 20:46
S14 5	3163	binder with polymer and ((drug or medicament or pharmaceutical\$5 or therapeutic\$4 or biologically or bioactive or active agent) with (\$6particle or \$6bead or powder and \$6sphere or granule))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/26 20:47
S14 6	198	binder with polymer with liquid and ((drug or medicament or pharmaceutical\$5 or therapeutic\$4 or biologically or bioactive or active agent) with (\$6particle or \$6bead or powder and \$6sphere or granule))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/26 20:51
S14 7	96	S146 and (@ad< "20020320" or @pd< "20020320" or @rlad< "20020320" or @prad< "20020320")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/26 20:51
S14 8	1	("6335036").PN.	USPAT; USOCR	OR	OFF	2009/07/26 21:12
S14 9	1	wo-0178689-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/27 14:49
S15 0	1	("6316029").PN.	USPAT; USOCR	OR	OFF	2009/07/27 14:50
S15 1	1	("6165506").PN.	USPAT; USOCR	OR	OFF	2009/07/27 14:51
S15 2	0	wo-02501184-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/27 15:01

## EAST Search History (Prior Art)

S15 3	0	wo-020501184-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/27 15:01
S15 4	0	wo-20020501184-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/27 15:01
S15 5	0	wo-2002501184-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/27 15:01